index-1 (1).py   ✕ Welcome   JS oop.js   JS functional.js   JS procedural.js   # app.css   <> index.html ✕

C: > Users > Wamwe > Downloads > <> index.html > ⬦ html > ⬦ body > ⬦ form#user-input > ⬦ button

```html
 1   <!DOCTYPE html>
 2   <html lang="en">
 3       <head>
 4           <meta charset="UTF-8">
 5           <meta name="viewport" content="width=device-width, initial scale=1.0">
 6           <meta http-equiv="X-UA-Compatible" content="ie=edge" />
 7           <title>Programming Paradigms</title>
 8           <link rel="stylesheet" href="app.css" />
 9           <script src="oop.js" defer></script>
10       </head>
11       <body>
12           <form id="user-input">
13               <div class="form-control">
14                   <label for="username">Username</label>
15                   <input type="text" id="username" />
16               </div>
17               <div class="form-control">
18                   <label for="password">Password</label>
19                   <input type="password" id="password" />
20               </div>
21               <button type="submit" style="background-color: blue;color: white;">Create User</button>
22
23
24           </form>
25
26       </body>
27   </html>
```

index-1 (1).py   ✕ Welcome   JS oop.js   5 ✕   JS functional.js   JS procedural.j

C: > Users > Wamwe > Downloads > JS oop.js > ...

```javascript
 1   class User {
 2       constructor(uName, uPassword) {
 3           this.userName = uName;
 4           this.password = uPassword
 5       }
 6
 7       greet( {
 8           console.log('Hi, I am ' + this.userName);
 9       })
10   }
```

Username

mawkamau

Password

••••••••

Create User

---

index-1 (1).py Welcome JS oop.js 5 JS functional.js JS procedural.js 1 # app.css <> index.html ✕

C: > Users > Wamwe > Downloads > <> index.html > ⊘ html > ⊘ head > ⊘ script

```html
1   <!DOCTYPE html>
2   <html lang="en">
3       <head>
4           <meta charset="UTF-8">
5           <meta name="viewport" content="width=device-width, initial scale=1.0">
6           <meta http-equiv="X-UA-Compatible" content="ie=edge" />
7           <title>Programming Paradigms</title>
8           <link rel="stylesheet" href="app.css" />
9           <script src="procedural.js" defer></script>
10      </head>
11      <body>
12          <form id="user-input">
13              <div class="form-control">
14                  <label for="username">Username</label>
15                  <input type="text" id="username" />
16              </div>
17              <div class="form-control">
18                  <label for="password">Password</label>
19                  <input type="password" id="password" />
20              </div>
21              <button type="submit" style="background-color: blue;color: white;">Create User</button>
22
23
24          </form>
25
26      </body>
27  </html>
```

index-1 (1).py   Welcome   JS oop.js 5   JS functional.js   JS procedural.js 1 ✕   # app.css   <> index.html

C: > Users > Wamwe > Downloads > JS procedural.js > ⬡ signupHandler

```javascript
1    const form=document.getElementById('user-input');
2
3    function signupHandler(event) {
4        event.preventDefault();
5
6        const userNameInput = document.getElementById('username');
7        const enteredUsername = userNameInput.value;
8
9        const passwordInput = document.getElementById('password')
10       const enteredPassword = passwordInput.value;
11
12       if (enteredUsername.trim().length===0) {
13           alert('Invalid input - username must not be empty!');
14           return;
15       }
16   if (enteredPassword.trim().length <= 5){
17       alert('Invalid input - password must be six characters or longer.')
18       return;
19   }
20
21       const user = {
22           userName: enteredUsername
23           password: enteredPassword
24       };
25
26       console.log(user);
27       console.log('Hi, I am ' + user.userName);
28   }
```

```javascript
3    function signupHandler(event) {
18           return;
19       }
20
21       const user = {
22           userName: enteredUsername
23           password: enteredPassword
24       };
25
26       console.log(user);
27       console.log('Hi, I am ' + user.userName);
28   }
29
30   form.addEventListener('submit', signupHandler);
```
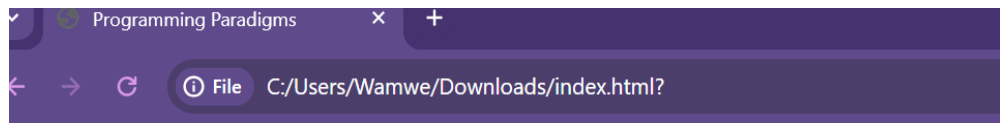
Username

Password

Create User

```html
1   <!DOCTYPE html>
2   <html lang="en">
3       <head>
4           <meta charset="UTF-8">
5           <meta name="viewport" content="width=device-width, initial scale=1.0">
6           <meta http-equiv="X-UA-Compatible" content="ie=edge" />
7           <title>Programming Paradigms</title>
8           <link rel="stylesheet" href="app.css" />
9           <script src="functional.js" defer></script>
10      </head>
11      <body>
12          <form id="user-input">
13              <div class="form-control">
14                  <label for="username">Username</label>
15                  <input type="text" id="username" />
16              </div>
17              <div class="form-control">
18                  <label for="password">Password</label>
19                  <input type="password" id="password" />
20              </div>
21              <button type="submit" style="background-color: blue;color: white;">Create User</button>
22
23
24          </form>
25
26      </body>
27  </html>
```

```javascript
1   const REQUIRED = 'REQUIRED';
2   const MIN_LENGHT = 'MIN_LENGTH';
3
4   function validate(value, flag, validatorValue) {
5       if (flaf === REQUIRED) {
6           return value.trim().length > 0;
7       }
8       if (flag === MIN_LENGTH) {
9           return value.trim().length > validatorValue;
10      }
11  }
12
13  function getUserInput(inputElementId) {
14      return document.getElementById(inputElementId).value;
15  }
16
17  function signupHandler(event) {
18      event.preventDefault();
19
20      const enteredUsername = getUserInput('username');
21      const enteredPassword= getUserInput('password');
22
23
24  }
```

Username

Password

Create User